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November 17, 2003

BY FIRST CLASS MAIL

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CONFIDENTIAL

Luna H. Chiu
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6935 G Oakland Mills Road
Columbia, MD 21045

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NOV 21 2003

Technology Center 2600

Re: Response to Office action for
DYNAMICALLY RECONFIGURABLE WIRELESS
NETWORKS AND METHODS

My Ref: JSF01-0052/WJT08-0010

Dear Luna:

Please find enclosed copies of the above filed response to office action. Thank you for allowing me to be of assistance in the preparation of this response to office action.

Sincerely,

Jim

Enclosures



#14B
LQ

11/26/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Difonzo et al.

Group No. 2684

Serial No.: 09/620,776

Examiner: Stephen M. D Agosta

Filed: 21 July 2000

For: **DYNAMICALLY RECONFIGURABLE WIRELESS NETWORKS (DRWiN)
AND METHODS FOR OPERATING SUCH NETWORKS**

Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

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RESPONSE TO OFFICE ACTION

SIR:

In response to the Office Action mailed on 18 June 2003, the period for response having been extended herein to 18 November 2003 by payment of the requisite fee for a Petition for Extension of Time under 37 C.F.R. 1.136(a), the following amendment and remarks are respectfully submitted:

AMENDMENT

In the Claims

1. (Currently Amended) A wireless communication network comprising:

a plurality of nodes, each having at least one dynamically directionally controllable communications link, wherein each of the dynamically directionally controllable communications links comprises [one of an electronically steerable narrow antenna beam and a switchable antenna beam] an electronic scanning antenna; and

b1 a network controller for dynamically changing the direction of the controllable communications links of the nodes to enable transmission of signals between the nodes[and wherein the network controller controls the directions of the controllable communications links according to an assignment table that maps time slots to node pairs].

11/20/2003 JADD01 00000104 502697 09620776

02 FC:2252 210.00 DA 2. (New) The wireless communication network of claim 1, wherein said electronic scanning antenna is continuous scanning and includes phase shifters.

3. (Original) The wireless communication network of claim 1, wherein selected ones of the nodes further include an additional dynamically directionally controllable communications link.